

Message

From: Hamilton, John (IHS/PHX) [John.Hamilton@ihs.gov]
Sent: 3/31/2014 5:25:18 PM
To: Lee, Bessie [Lee.Bessie@epa.gov]
Subject: FW: Summary of Hopi Water Infrastructure Call - March 6, 2014

FYI
John

From: Lorena Naseyowma [mailto:lnaseyowma@frontiernet.net]
Sent: Thursday, March 27, 2014 2:07 PM
To: Hamilton, John (IHS/PHX)
Subject: RE: Summary of Hopi Water Infrastructure Call - March 6, 2014

Hi John,
Thank you for the minutes. I don't see our water operator's name on the list—Earl Talayumptewa, Sr.; his email address is earltalay@frontier.com. Vinton retired last summer but I hear he is working at one of the New Mexico pueblos as an operator.
Sincerely,
Lorena

From: Hamilton, John (IHS/PHX) [mailto:John.Hamilton@ihs.gov]
Sent: Thursday, March 27, 2014 9:23 AM
To: Hughes, Adam (IHS/PHX); Andrew Gashwazra; April Ahownewa; Arnell Sieweyumptewa; Belma Navakuku; Bill Bettenberg; Rea, Brad (IHS/PHX); Bruce Fredericks; Carmelita Coochyumptewa; Christine Tawahongva; Chuck Villa; Clayton Honyumptewa; Cristal Quinn; David Talayumptewa; Honahnie, De Alva (IHS/PHX); Dennis Rodriguez; ecal@moenkopidevelopers.com; Eldine Stevens; Elizabeth Wadsworth; Elmer Douma; Matson, Eric (IHS/PHX); Everett Calnimpewa; Frederick Tack; Gail Poley; Garlyn Navakuku; GSHonanie@hopi.nsn.us; Glenn Allison; Herman Honanie; Ivan Sydney; Jacquelyn Lamson; DeCoteau, Jesse (IHS/PHX); John Graves; John Krause; Kathlene Sumatzkuku; Kerry Brough; Kim Secakuku; King Honani, Sr.; Kristin Sieweyumptewa; Leroy Sumatzkuku; Leslie Nasingoetewa; Lillian Dennis; Reeves, Linda; lpuhuyesva@hopi.nsn.us; Lorena Naseyowma; Lynette Pollari; Marvin Naqua-Hyeoma; Mary Navanick; Melvin Todacheene; Michael Janes; Mike Luecker; Ms. Bonnie Secakuku; Ms. Loretta Orona; Patrick Thompson; PERKINS, SUSANNE; Mitchell, Peter J (IHS/PHX); Phyllis Wittsell; Randy Wolff; Rex Wahl; Lorenz, Robert (IHS/PHX); Robert Mahkewa; Ronald Wadsworth; Royce Jenkins; Sherilyn Honanie; Sherwin Heaton; Shungopavi Administration; Susan Secakuku; Suzanne Jamison; UMowa@hopi.nsn.us; Upper Moenkopi; Vern Mansfield; Wayne Taylor (wtaylorjr@htha.org); Wendell Honanie; Yvonne Day; Yvonne Hoosava; Selwyn Sekaquaptewa (swsh2o@yahoo.com)
Cc: Bessie Lee
Subject: Summary of Hopi Water Infrastructure Call - March 6, 2014

Next Call The next call will be on Thursday, April 3, 2014 at 9:30 a.m. Hopi time (MST). Bessie will forward call-in information.

We will continue ground rules for monthly Hopi Water Infrastructure calls, which include participants muting phones to eliminate background noise, respect for speakers and the agenda, and holding questions for the end of a discussion topic.

Participates included:

Hopi Finance – Yvonne Day and Mary Navanick
Shungopavi – Micah Lomaomvaya
Sipaulovi – Suzanne Jamison, Bonnie Maxwell and Mafa Natoni
Sichomovi Village – Phyllis Wittsell and Bernie Navakuku
Hopi Housing Authority – Andrew Gashwazra
USDA – Loretta Orona
HUD – Cristal Quinn
Indian Affairs – Eldine Stevens, Emerson Eskeets, Dennis Rodriquez, Phil Sarasino and Wendell Honanie

IHS – Brad Rea, Pete Mitchell, Robert Lorenz and Jesse DeCoteau
Consultants – Fredrick Tack, Steve Thompson and Mark
USEPA - Bessie Lee, Susanne Perkins and John Hamilton

Hopi Arsenic Mitigation Project (HAMP)

Indian Affairs signed the HAMP project planning agreement and forwarded the document to Phoenix Area IHS for signature. After full execution of the document, planning funds can be transferred from IA to IHS. BIA and BIE will then be included in the PER and related planning documents. In the meantime, IHS is finalizing the first draft PER without IA, and this document could be used for the USDA-RD loan and grant application by the Hopi Tribe, if they choose. IHS had a conference call with Mike Luecker to discuss USDA PER requirements for cost/benefit analysis of each alternative, consideration of an alternative that would include village arsenic water treatment plants and village wells and other engineering issues. When the first draft PER is completed, IHS will present the document to the Hopi Tribal Council for consideration. As an alternative, the Tribe may decide to wait for a final PER, including IA, before going forward.

IA would like to work with the Tribe to connect the Detention Center, Keams Canyon Agency water system, and three schools, and they provided a letter to the Tribe to that effect. The OFMC project manager is Phil Sarasino.

Bill and Lionel are meeting with the Tribal Council in early March to discuss the Tribe's proposed \$2 million contribution to the HAMP and an additional \$200,000 of funding to begin staffing the Hopi Public Utility Authority (HPUA). They also plan to discuss draft agreements with the First and Second Mesa villages, which will cover village participation, construction and operation of the HAMP. Bill also plans to discuss power options for the HAMP wells, including long-term use of electrical generators and connection to the NTUA or APS power grid. The Tribe had a power study completed for another project, and the Council will be asked to authorize release of this study to IHS engineers for planning purposes.

Drilling of the bore hole for HAMP well #3 continues, and the pilot hole is being reamed to the final well diameter. Work on this well has been very slow, because of previous equipment and bore hole drilling problems, but the engineers are optimistic this second production well will be completed soon. The planning team has not yet decided whether another production well will be drilled at the present time, although the addition of IA water systems to the HAMP may be a factor?

The general Notice of Funding Availability (NOFA) has been published in the Federal Register by HUD, although the NOFA for the ICDBG program is not yet published. Cristal is working with Bill on the question of a Hopi Tribal CDBG application for the HAMP vs. an application from HPUA. The Village of Sipaulovi is not planning to apply for a ICDBG grant this fiscal year. Cristal also talked to Royce Jenkins, and he's not aware of any other village plans to apply for ICDBG grants, probably as a result of Hopi financial audit status, which will penalize any application until the audits are brought up-to-date.

Bernie asked if final village costs had been made available for operation of the HAMP. While IHS and the Tribal WRP have provided preliminary costs, our consultants are finalizing these costs for the PER. We plan to present the construction and operational cost estimates to the Council, along with the PER, in April.

Shungopavi

Micah will meet with Lionel to schedule the elevated water storage tank repainting. They will need to consider how long the tank will be offline and plan for temporary water for the community. There may be technical and Tribal procurement issues for the tank repainting?

IHS requested a firm cost for the water storage tank repainting, since this will directly affect the amount of EPA funds available for the installation of residential water meters. Once the amount of funds available can be determined, IHS, the Village and Hopi WRP will need to complete a scope of work, with a budget and schedule for EPA approval. Time is of the essence, since the grant budget period expires on December 31, 2014. There has been no discussion with the Village about how the water meters would be used, for example would residential billing be based on usage and monthly meter readings? How many homes already have meters and how many will need meters? Micah indicated approximately 40% of the homes are presently metered. He said the village utility could install the new meters, so this would need to be considered in the scope of work and funding process.

Moenkopi

Kerry Brough completed the water supply report. MDC and the Village are looking at alternative water source options, since MDC would like to add at least twenty units of housing. Next week, IHS, EPA, Hopi WRP, USGS, MDC and Upper

Moenkopi will be meeting next week to discuss water source options. USGS may be available to study well and aquifer alternatives.

Bessie said NTUA will be drilling an additional well for the Tuba City water system, which is believed to accommodate growth for the next five years. There is no plan at the present time to connect Tuba City and Moenkopi, due to resistance from the Tuba City Chapter. In the meantime, Upper Moenkopi plans to start reading meters and dealing with excessive water use.

There was no contact last month between EPA's NPDES discharge permit staff and Moenkopi officials. Presumably, the wastewater treatment plant is operating in accordance with the discharge permit.

John Hamilton, PE
EPA Engineering Consultant